

**Question L-46:** The RFP specifies whether the first or second floors of each MRB Wing are contaminated or non-contaminated, but is silent regarding the basement. Please confirm that the basement is non-contaminated.

**Answer:** Basement: Offerors should assume there is potential for contamination in the basement. There is known soil and groundwater contamination associated with the MRB as specified or identified in Section L, Attachment L-4, Representative Sample Task, Section 4.1, so there is potential for similar contaminants in the basement as well.

**Question L-47:** Please confirm that the 304,572 square foot number provided for the total MRB space includes the basement.

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task, As Built Drawings 6 and 7. From scaling off the As Built drawings in the sample task, the 304,572 square foot area includes the basement.

**Question L-48:** Attachment L-4 states "the Offeror should assume that 300,000 square feet of radiologically contaminated asbestos tile and mastic" (needs to be removed). The total MRB space is 304,572 square feet. However, Attachment L-4 states that many areas of the building are uncontaminated (A-Wing, B-Wing, parts of C-Wing, D-Wing second floor, E-Wing second floor, G-Wing, H-Wing second floor). Is the radiologically contaminated tile an assumption only for costing asbestos removal and Offerors should use the provided data for "uncontaminated areas" when determining work control and execution in the areas specified as "uncontaminated" on Pages 4 and 5 of the sample task?

**Answer:** Please see answer to Question L-8.

**Question L-49:** For asbestos floor tile removal in "uncontaminated" areas of the MRB should the Offeror propose only asbestos abatement controls and procedures or should the Offeror propose a process for removal of radiologically contaminated floor tile in an "uncontaminated" area of the MRB? Please advise.

**Answer:** Please see answer to Question L-8 and L-20.

**Question L-50:** Please provide a list, description and locations the applicable RCRA or other permitted storage areas within the facility.

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. Assume only a single RCRA satellite collection area in each wing.

**Question L-51:** The RFP provides a contract start date of Oct. 1, 2009. Proposals are due December 15, 2009. Please verify that October 1, 2009, is the date Offeror's should use for cost and schedule development purposes.

**Answer:** Reference L.32 (3). Offerors should assume an anticipated start date of October 1, 2009, for proposal preparation purposes. This date should be assumed for preparation of cost proposals as well as Sample Task schedule development purposes.

**Question L-52:** Does the office space provided as GFS&I include conference rooms and/or training rooms.

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task, Section 2.0. Assume that the space provided as GFSI includes access to shared (not dedicated) conference room space and no training rooms.

**Question L-53:** Where is the office space provided as GFS&I located in proximity to the MRB?

**Answer:** Reference Section L, Attachment L-4, Representative Sample Task, Section 2.0. Assume that office space provided as GFSI is available in part of the square-outlined building, northeast of the MRB and across Inner Circle Road, shown on Figure 4 of the sample task.

**Question L-54:** The Tables provided with the sample task provide the target soil concentrations for radionuclide contaminants but do not provide the target soil concentrations for VOCs. Will DOE provide the target soil concentrations for VOCs?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task, Table 3 & 4 and Section 4.4.2, fourth paragraph. No, DOE will not be providing assumed target soil concentrations for VOCs. The fourth paragraph of Section 4.4.2 of the Sample Task will be revised to clarify that Table 4 does not contain target soil concentration guidelines for VOCs. The offeror should base the VOC target soil concentrations on the environment, safety and health requirements in Section 4.4.2 of the sample task, EPA guidance, and Illinois State cleanup criteria.

The solicitation will be amended.

**Question L-55:** Section L, Attachment L-4 Page 13 of 34 and Tables 3 and 4—The next to the last assumption states “Assume that contaminated soil must be removed in accordance with assumed cleanup criteria (Table 3 and 4) and disposed at a properly permitted disposal facility.” Tables 3 and 4 do not contain these cleanup criteria. Will DOE clarify the criteria on these tables?

**Answer:** See answer to Question L-54.

**Question L-56:** There appears to be inconsistencies within the Sample Problem, Section L, Attachment L-4 regarding the information for the Material Research Building. On page 4 of 34, it states that the total area of the MRB is 304,572 sf and later within Section 4.2, there is text regarding the various wings or spaces that are uncontaminated but on page 5 of 34 it states that “ The Offeror should assume that 300,000 sf of radiologically contaminated asbestos tile and mastic needs to be removed from the MRB.”

**Answer:** Please see answer to Question L-8.

**Question L-57:** Section L, Attachment L-4-Can it be assumed that the infrastructure for Public Participation (i.e. SSAB, reading rooms. Etc.) exist for the site or will it be the responsibility of the contractor to establish?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. The infrastructure for public participation (SSAB, reading rooms, etc.) will be the Task Order contractor's responsibility to establish.

**Question L-58:** Section L, Attachment L-4- Will the M&O contractor maintain the nitrogen supply to the hot cell during the decommissioning?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task Section 3. The M&O contractor can maintain the nitrogen supply during the hot cell decommissioning if the Task Order contractor requests it. There is no cost to the Task Order contractor for maintaining the nitrogen supply.

**Question L-59:** Section L, Attachment L-4, page 8: Please clarify the value shown as 1000,000/dpm/100 cm<sup>2</sup>.

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. The value shown is 1,000,000 dpm/100 cm<sup>2</sup> beta/gamma.

**Question L-60:** 4.3 Fuel Specimen and Material Research Hot cell Facility Background. Page 8 of 34 third paragraph states, "Full scans for total surface activity of the shielded glove boxes showed high levels of contamination, "up to 1000,000 dpm/100 cm<sup>2</sup> beta/gamma and 2,000 dpm/100 cm<sup>2</sup> alpha. Is the first number 1,000,000?"

**Answer:** Please see answer to Question L-59.

**Question L-61:** Will DOE please clarify the statement "Assume no rail available for shipment of waste"? The sample task (page 2) states that the closest direct access to a railroad is approximately 20 miles away. Does the statement that "no rail available for shipments of waste" refer only to the availability of rail access at the project site? Does DOE have a prohibition on rail transportation of waste for the project?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. DOE could find no assumption in the sample task that states there is no rail available for shipment of waste. The sample task does state on page 2 that the closest direct access to a railroad is approximately 20 miles away. There is no prohibition on the use of rail transportation.

**Question L-62:** Section 4.2, Material Research Building Background, of the Sample Task designates the areas/floors of the building that are uncontaminated, are contaminated, or are potentially contaminated. The last paragraph of Section 4.2 on page 5 states that 300,000 square feet of radioactively contaminated asbestos tile and mastic needs to be removed. Based on the dimensions of the MRB, this statement would imply that essentially all asbestos tile and mastic in all areas/floors of the entire building is radioactively contaminated. Is the radioactively contaminated asbestos floor tile and mastic limited to those areas designated as contaminated or potentially contaminated areas? If so, is the 300,000-square-foot quantity correct after the uncontaminated square footage is taken into account?

**Answer:** Please see answers to Questions L-8, L-20, L-48 and L-49.

**Question L-63:** Page 4 of 34, Paragraph 4.2, first paragraph indicates "all wings of the MRB basement are a comparable depth to the 'F' wing basement". The 'F' wing basement does not cover the entire 'F' wing footprint. Question: For quantity and pricing purposes, should the Offerors assume the basements of all other wings are under the entire footprint of each building area?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task, Section 4.2. Offerors should assume the basements of all other wings are under the entire footprint of each building area.

**Question L-64:** Page 4 of 34, Paragraph 4.2, second paragraph indicates the MRB square footage = 304,572 square feet. Question: Is this total based on only the "footprint" of the building? Is this total based on only the first and second floors of the building? Does this total include the basement square footage along with square of the first and second floors?

**Answer:** Please see answer to Question L-47.

**Question L-65:** Section L Attachment L-4, Page 4 of 34, sub section 4.2 Material Research Building Background, provides information for the MRB, this section identifies radiologically contaminated and non-radiologically contaminated areas of the MRB building, this text indicates that a large portion of the MRB building is radiologically non-contaminated. Later in this same section the total MRB area is 304,572 square feet. Page 5 of 34 instructs offerors to assume that 300,000 square feet of radiologically contaminated asbestos tile and mastic needs to be removed from the MRB, this would indicate that radiological contamination exists in all but a very small area of the MRB building. Please clarify.

**Answer:** Please see answers to Questions L-8, L-20, L-48 and L-49.

**Question L-66:** Please provide an inventory of wastes in the storage tubes, including volume, mass, and radionuclide content.

**Answer:** Reference Section L, Attachment L-4, Representative Sample Task, Section 4.3, 5<sup>th</sup> and 11<sup>th</sup> paragraphs. As stated in the sample task, there are suspected to be a number of samples in the within-floor storage tubes in Area 2 and it is not known if any irradiated samples still remain in the storage tubes, or if any of the storage tubes are contaminated. Offerors should propose accordingly,

**Question L-67:** How much TRU material is in the ventilation system?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. There is no TRU material in the ventilation system.

**Question L-68:** Where does the effluent from the decontamination solution tanks go?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. The water from the spray collected in the decontamination solution tank (only one tank) is allowed to evaporate after collection.

**Question L-69:** Attachment L-4, Sample Task: In section 4.2, the last paragraph, page 5 of 34, identifies asbestos, ACM and mercury in the MRB including the FSMHF. Have any other hazardous constituents been found in buildings? Please list by Wing?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. No other hazardous constituents have been found in the building.

**Question L-70:** Attachment L-4, Sample Task: In section 4.2, the last paragraph, page 5 of 34, last sentence states "The Offeror should assume that 300,000 square feet of radiologically contaminated asbestos tile and mastic needs to be removed from the MRB." Does this mean that all (300,000 of the 304,572-sf) of the MRB and FSMHF is posted as a radioactively contaminated area verse the stated descriptions earlier in this section? Please confirm that all 300,000-sf of asbestos tile and mastic are radioactively contaminated or list radioactively contaminated areas by specific Wing and room number?

**Answer:** Please see answers to Questions L-8, L-20, L-48 and L-49.

**Question L-71:** Attachment L-4, Sample Task: In section 4.4.1, first paragraph, first bullet, page 12 of 34, states "The building excavation and other disturbed areas are restored to grade, properly compacted, and reseeded with native vegetation." What are the Offerer's compaction requirements, i.e., what is the planned future use for this location? Will engineered fill be required for backfilling excavations resulting from soil/groundwater remedial actions?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. The site's planned future use of the site (which is not to be confused with the expected risk-based planning for remediation) is unrestricted industrial/research and development use, which ultimately could include construction of another building at some time in the future though there currently are no buildings planned for this location. The material backfilled in the excavation, whether engineered fill or compacted soils, must be of a nature that would allow construction of a new facility or office/research building typically with foundations/basement.

**Question L-72:** Attachment L-4, Sample Task: Figures 5 and 12 (pages 22 and 27 of 36) show what appears to be a concrete slab south of F-Wing of the MRB. This item is not addressed in either the text or the drawings that were provided. Is the removal of this slab part of the scope for demolition of the MRB and soil/groundwater remediation?

**Answer:** Reference Attachment L-4 Representative Sample Task, Figures 5 and 12. Removal of the concrete slab south of F-Wing of the MRB is part of the Sample Task scope.

**Question L-73:** Attachment L-4, Sample Task: Is the MRB and soil/groundwater contaminated areas under U.S.EPA, IEPA, U.S.NRC and/or IDNS licenses?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. The MRB and associated land is under the ownership of the Department of Energy and is not under U.S. EPA, IEPA, U.S. NRC of IDNS licenses. Offsite adjacent areas are privately owned.

**Question L-74:** Attachment L-4, Sample Task: In section 4.2, first paragraph, page 4 of 34, states " All the wings of the MRB complex have a basement of comparable depth to the F-Wing basement." However, based on the plan views provided in Figures 6 & 7 the building's footprint is approximately 138,000-sf, leaving only 28,572-sf of the total 304,572-sf stated building's square footage for basement. What is the actual square footage of the basement, first and second floors of the MRB by wing?

**Answer:** Reference Attachment L-4, Representative Sample Task, Figures 7 and 8. Please see answer to **Question L-47 (reference has been corrected)**. DOE does not understand how the square footage above was derived based upon Figures 6 and 7. However, offerors should assume that the basement footprint is comparable to the areas shown on Figures 6, 7 and 8 for the ground and second floors of the MRB building, but with significant areas of fill as indicated in the Reference Section L, Attachment L-4 Representative Sample Task, Section 4.2, first paragraph and in the As-Built Drawings.

**Question L-75:** Attachment L-4, Sample Task: Please confirm that the entire MRB will be turned over to the contractor with all utility services, i.e., power, water, electrical, communication, fire protection, etc., to the building are in place and operational; NOT "cold and dark".

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. The entire MRB will be turned over to the contractor with all utility services in place and operational.

**Question L-76:** Attachment L-4, Sample Task: Please confirm that the radioactively contaminated area HEPA ventilation systems' servicing the MRB will be turned over to the contractor in operational conditions with current required operational and monitoring licensed/permitted.

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. The radioactively contaminated area HEPA ventilation systems' servicing the MRB will be turned over to the contractor in operational conditions with all required operational and monitoring licenses/permits current.

**Question L-77:** 4.3 Fuel Specimen and Material Research Hot cell Facility Background. Page 7 of 34, end of second paragraph states, "An inventory of remaining known wastes in the FSMHF is provided in Table 7 consisting of a few containers with sealed sources that have not undergone DOT or ANSI testing and one-gallon paint cans of residues from previous work and prior hot cell floor cleanups, consisting of sample cutting and grinding residues, grinding papers, and dust. There are also suspected to be a number of samples in the within-floor storage tubes in Area 2." May we assume that the "samples" in the storage tubes are of the same composition as the can of residue in Table 7? How much sample material should we assume is in the tubes?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task. Offerors should not assume that the "samples" in the storage tubes are of the same composition as the can of residue in Table 7. Please see answer to Question L-66.

**Question L-78:** 3.0 General Background. Page 2 of 34 Item 2. States, "The M&O contractor continues to conduct research on the site and is responsible for site-wide infrastructure operations." Q- What assumptions should offerors make regarding deferred maintenance on the MRB fire protection, electrical and HEPA utility systems, particularly, the FSMHF HEPA and nitrogen systems?

**Answer:** Reference Section L, Attachment L-4 Representative Sample Task, Section 3. It is unclear what is meant by deferred maintenance in this context. However, offerors should assume that the functionality of the MRB fire protection, electrical and HEPA utility systems, including the FSMHF HEPA and nitrogen systems, has been maintained.

**Question L-79:** The answer posted for Question L-4 appears to be responding to a different question? Will DOE post an answer to Question L-4. **Question L-4:** Please explain why multiple Level 2 elements are provided in the WBS outline for "Investigations and Monitoring/Sample Collection"? and not for the other Level 2 elements provided? Are Offerors intended to include multiple line items for the same Level 3 WBS where the work occurs in more than one phase? Please clarify the instructions for development of the WBS. **Answer:** Reference Section L.32, Attachment L-6, Schedule 4, and Attachment L-7, Sample Direct Labor Hours Template. The WBS Element for "Surveillance and Maintenance" and the WBS Element for "Sample Analysis" will be added to both phase 3 and 4 of Section L.32, Attachment L-6, Schedule 4, and Attachment L-7, Sample Direct Labor Hours Template. The solicitation will be amended.

**Answer:** Reference Section L.32, Attachment L-6, Schedule 4, and Attachment L-7, Sample Direct Labor Hours Template. The answer to Question L-4 is the answer to the question posted. The answer was intended to convey that offerors should include multiple line items for the same Level 3 WBS where the work occurs in more than one phase.

**Question L-80:** Reference: Table 7 of RFP Attachment L-4, the Representative Sample Task. Question: Are the quantities listed in the columns for "Curies" and "grams" the total inventory in all packages indicated in the last column?

**Answer:** Please see answers to Questions L-13 and L-14. The quantities listed in the columns for "Curies" and "grams" in Table 7 of RFP Attachment L-4 are for each source or residue can.